

Trade Off	No Action	Alternative 2A Consolidate Offsite Material Cap Monarch and Operations Areas	Alternative 2B Consolidate Offsite Material and Monarch Onto Operations Area
Land Available for Reuse/Redevelopment	No areas addressed	17 Acres	23 Acres
Volume of Material Excavated	0	350,000 yd3	479,000 yd3
Truck loads	0	39,000	49,000
Trucks per day	0	75 Trucks per day	94 Trucks per day
Long Term Effectiveness	Not effective	Effective, larger landfill footprint requires more monitoring and O&M than 2B, 2C and 2d	Effective
Reliance on Monitoring/O&M	Site would require monitoring no O&M required since no action will be taken	Site would require monitoring and O&M at both Operations Area and Monarch	Fewer monitoring wells and less O&M would be required due to consolidation of Monarch onto Operations Area
Time to Implement	0 years, no action	2 years	2 years
Cost	\$110,000	\$44,000,000	\$43,000,000

Note:

Area available for reuse  
based on initial 65 acres  
currently impacted.

Construction year round  
10 hour days, 5 days per  
week (260 days per year)

Truckloads include backfill  
and cap soils where  
required in alternative

Alternative 2C Consolidate Offsite Material and Monarch Onto Operations And Cap, Incinerate Material > 500 ppm	Alternative 2D Consolidate Offsite Material, Monarch and Portions of Operations Area, Cap Reduced Footprint.	Alternative 3 Total Removal and Offsite Disposal	Alternative 4 Encapsulation Containment System
23 Acres	38 Acres	65 Acres	17 Acres
479,000 yd3	920,000 yd3	1,600,000 yd3	1,600,000 yd3
50,000 96 Trucks per day Effective	70,000 90 Trucks per day Effective, Increased O&M due to landfill height	150,000 115 Trucks per day More effective than 2, due to removal of contamination. O&M only required in isolated areas where waste left in place i.e. under buildings	116,000 45 Trucks per day More effective than alternative 2 since the material is fully encapsulated.
Same as 2B	Fewer monitoring wells would be required due to reduced footpring of the cap, O&M is increased due to height of landfill	Monitoring and O&M only required in isolated areas where waste is left in place i.e under buildings	Monitoring and O&M required, O&M higher due to more complex containment system.
2 years \$70,000,000	3 years \$63,000,000	5 years \$238,000,000	10 years \$159,000,000